

# interference search report

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	974	((607/27) or (607/28) or (607/29)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/17 11:04
L2	1752	((324/426) or (324/427) or (324/428) or (324/429)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/17 11:05
L3	840	((324/430) or (324/431) or (324/432) or (324/433)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/17 11:05
L4	5	(1 or 2 or 3) and "terminal voltage". clm. and (charge.clm. or current.clm.) and threshold.clm.	US-PGPUB	OR	ON	2006/08/17 11:06
L5	1	(1 or 2 or 3) and "terminal voltage". clm. and (charge.clm. or current.clm.) and threshold.clm. and implantable. clm.	US-PGPUB	OR	ON	2006/08/17 11:06
L6	3	(1 or 2 or 3) and "terminal voltage". clm. and (charge.clm. or current.clm.) and "voltage threshold".clm.	US-PGPUB	OR	ON	2006/08/17 11:06
L7	1	(1 or 2 or 3) and "terminal voltage". clm. and (charge.clm. or current.clm.) and "voltage threshold".clm. and battery.clm. and (available.clm. or depleted.clm. or life.clm. or remaining.clm.)	US-PGPUB	OR	ON	2006/08/17 11:06
L8	2	(1 or 2 or 3) and "terminal voltage". clm. and (charge.clm. or current.clm.) and threshold.clm. and (available.clm. or depleted.clm. or life.clm. or remaining.clm.)	US-PGPUB	OR	ON	2006/08/17 11:07

# **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43	("20030204219" "20050007073" "20050088145" "20050143782" "4460870" "4947124" "5372605" "5411537" "5620474" "5925068" "5998968" "6166524" "6366056" "6377850" "6503646" "6563318" "6584355" "6696842" "6768288" "6885894" "6930468" "6940255").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:16
S2	2	("20020109506").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:17
S3	6	((("6861842") or ("6885894") or ("6930468")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:17
S4	538	(607/27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:40
S5	346	(607/28).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:20
S6	148	(607/29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:20
S7	360	(607/32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:20
S8	1044	(128/897).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:20
S9	3926	(128/898).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:20

## EAST Search History

S10	702	(320/132).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:21
S11	792	(324/426).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:21
S12	602	(324/427).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:21
S13	2	"065008".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:29
S14	2	("4,712,179").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:27
S15	2	("6,400,988").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:27
S16	4	((("6584355") or ("20030176897"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:31
S17	2	("20020163991").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 10:31
S18	126	S4 and (measur\$5 with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:00
S19	142	S4 and (measur\$5 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:58

## EAST Search History

S20	89	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:45
S21	47	S20 and ((battery or power or energy) with ((current or charge) and voltage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:59
S22	35	("4231027"   "4345603"   "4596255"   "4791936"   "4825869"   "4899750"   "5012411"   "5063928"   "5127404"   "5137021").PN. OR ("5507786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 10:56
S23	11	S22 and (measur\$5 with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:57
S24	6	S22 and (measur\$5 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 11:44
S25	4	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:57
S26	1464	(S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (measur\$5 with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:45
S27	1456	(S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (measur\$5 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:58
S28	1165	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:58
S29	1058	S28 and ((battery or power or energy) with ((current or charge) and voltage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 10:59

## EAST Search History

S30	154	S29 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:45
S31	2	("6289243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 11:01
S32	876	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and ((voltage or threshold) with rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:46
S33	419	S32 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:46
S34	2628	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and ((voltage or threshold) with (rate or charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:46
S35	921	S34 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:46
S36	927	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and ((voltage or threshold) adj (rate or charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:56
S37	234	S36 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:48
S38	0	("2005/0102005").URPN.	USPAT	OR	ON	2006/08/05 12:47
S39	82	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and ((threshold) adj (rate or charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:48

## EAST Search History

S40	48	S39 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:58
S41	20	("4295474"   "4345603"   "4809697"   "4944299"   "5312444"   "5370668"). PN. OR ("5741307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 12:52
S42	2	("20020140404").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 12:52
S43	74	("3057356"   "3478746"   "3557796"   "3631860"   "3805796"   "3833005"   "3857399"   "3865119"   "3870050"   "4038991"   "4043347"   "4049003"   "4049004"   "4066086"   "4231027"   "4237897"   "4250883"   "4259639"   "4290429"   "4324251"   "4340062"   "4448197"   "4476868"   "4556063"   "4606350"   "5052388"   "5127404"   "5137020"   "5193538").PN. OR ("5370668").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 12:54
S44	84	("3103617"   "3300658"   "4031899"   "4134408"   "4259639"   "4276883"   "4290429"   "4323075"   "4345604"   "4408607"   "4488555"   "4548209"   "4556061"   "4606350"   "4659994"   "4672973"   "4709202"   "4712179"   "4830006"   "4868908"   "4873490"   "4952864"   "4958641"   "5030849"   "5083562"   "5137020"   "5137021"   "5159520"   "5184616"   "5265588"   "5285779"   "5323068"   "5369364"   "5370668"   "5391193"   "5402070"   "5424683"   "5447522"   "5458624"   "5483165"   "5488553"   "5496353"   "5527630"   "5528087"   "5540724"   "5562595"   "5591213"   "5596987"   "5675258"   "5690685"   "5700280"   "5713936"   "5721482"   "5741307"   "5769873"   "5772689"   "5779631"   "5800472"   "5812383"   "5869970"   "5896423"   "5897576"   "5904705"   "5929601"   "5959371"   "6016488"   "6018227"   "6045941"   "6108579"   "6114838"   "6148235"   "6154675"   "6167309"   "6169387"   "6185461"   "6198253"   "6313609"   "6366809"   "6400988"   "6472847"   "6490486"   "6584355").PN. OR ("6885894"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 12:55

## EAST Search History

S45	1417	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (voltage with (compar\$5 or threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 13:06
S46	427	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (voltage adj (compar\$5 or threshold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:57
S47	135	S46 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:37
S49	127	S47 and ((measur\$4 or determin\$4 or detect\$4) with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:00
S50	108	S49 and (voltage with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 12:59
S51	873	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and implant\$ and (batter or "power source" or "power supply" or "energy source" or "energy supply")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:34
S52	563	S51 and ((measur\$4 or determin\$4 or detect\$4) with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:02
S53	378	S51 and ((measur\$4 or determin\$4 or detect\$4) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:01
S54	338	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 13:13
S56	17	("4295474"   "4345603"   "4606350"   "4809697"   "4944299"   "5137021"   "5312444"   "5370668"   "5458624"). PN. OR ("5925068").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 13:50

## EAST Search History

S57	12	("4448197"   "5031616"   "5193538"   "5228439"   "5620474").PN. OR ("5800472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/05 14:39
S58	2	("20020099416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/05 14:40
S59	9	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (current with shipping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:36
S60	68	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and shipping	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:38
S61	34	S60 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:37
S62	1	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (current near shipping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:37
S63	10	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and (current same shipping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:37
S64	10	(S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12) and ((mode or state) with shipping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/05 15:38
S65	2	("6366809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/07 14:19
S66	557	(320/157).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/16 15:59



## EAST Search History

S67	47	(320/159).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/16 15:59
S68	239	(320/164).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/16 15:59
S69	154	(S66 or S67 or S68) and (measur\$5 with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:04
S70	445	(S66 or S67 or S68) and ((measur\$4 or determin\$4 or detect\$4) with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:35
S71	444	(S66 or S67 or S68) and ((measur\$4 or determin\$4 or detect\$4) with (current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:00
S72	475	(S66 or S67 or S68) and ((measur\$4 or determin\$4 or detect\$4) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:04
S73	392	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:30
S74	4	S73 and implant\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:02
S75	147	(S66 or S67 or S68) and (measur\$4 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:04
S77	118	S76 and (voltage with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:05

## EAST Search History

S78	119	S76 and (voltage same (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:05
S79	389	S73 and (voltage with (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:05
S80	392	S73 and (voltage same (charge or current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:05
S81	119	S69 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:07
S82	85	S81 and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:21
S83	85	(S77 or S78) and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:08
S84	225	(S79 or S80) and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:33
S85	85	(S82 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:19
S86	182	(S84 or S85) and ((charge or current) with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:22
S87	78	S73 and lithium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:30

## EAST Search History

S88	60	S87 and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:35
S89	10992	(lithium same (battery or batteries)) and ((measur\$4 or determin\$4 or detect\$4) with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:54
S90	8231	(lithium same (battery or batteries)) and ((measur\$4 or determin\$4 or detect\$4) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:27
S91	6400	S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:35
S92	3354	S91 and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:55
S93	1039	("320"/\$.ccls.) and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:36
S94	200	("324"/\$.ccls.) and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:37
S95	489	("429"/\$.ccls.) and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:37
S96	27	("204"/\$.ccls.) and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:57
S97	338	("607"/\$.ccls.) and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:37

## EAST Search History

S98	809	(S93 or S94 or S95 or S96 or S97) and ((remaining or end) with (life or charge or energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:06
S99	150896	(battery or batteries) and ((measur\$4 or determin\$4 or detect\$4) with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:05
S100	109689	(battery or batteries) and ((measur\$4 or determin\$4 or detect\$4) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:54
S101	30936	(S99 and S100) and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:05
S102	18042	(battery or batteries) same ((remaining or end) with (life or charge or energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:57
S103	2962	S101 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:57
S104	6	("204"/\$.ccls.) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:58
S105	447	("607"/\$.ccls.) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:58
S106	168	("429"/\$.ccls.) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:58
S107	400	("324"/\$.ccls.) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 16:58

## EAST Search History

S108	1123	("320"/\$.ccls.) and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:06
S109	1887	(S104 or S105 or S106 or S107 or S108)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:00
S110	55318	(battery or batteries) and (measur\$4 with (rate or current or charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:05
S111	38617	(battery or batteries) and (measur\$4 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:05
S112	24532	S110 and S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:05
S113	10953	S112 and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:21
S114	2644	S113 and ((remaining or end) with (life or charge or energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:06
S115	3176	S113 and ((remain\$4 or end) with (life or charge or energy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:06
S116	859	("320"/\$.ccls.) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:15
S117	532	("324"/\$.ccls.) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:07

## EAST Search History

S11 8	437	("607"/\$.ccls.) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:07
S11 9	176	("429"/\$.ccls.) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:07
S12 0	25	("204"/\$.ccls.) and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:07
S12 1	1793	(S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:07
S12 2	655	S98 and ((current or charge or rate) with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:14
S12 3	1382	S121 and ((current or charge or rate) with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:14
S12 4	1452	S109 and ((current or charge or rate) with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:14
S12 5	5132	((("320"/\$.ccls.) or ("324"/\$.ccls.) or ("607"/\$.ccls.) or ("429"/\$.ccls.) or ("204"/\$.ccls.)) and (measur\$5 with (charge or current)) and (measur\$5 with voltage) and ((remain\$4 or deplet\$4 or available or end) with (life or charge or enérý))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:17
S12 6	2730	S125 and (voltage with (threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:21

## EAST Search History

S12 7	3282	S125 and (voltage with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:22
S12 8	3422	S125 and ((charge or rate or current) with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:16
S12 9	2697	S127 and S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:22
S13 0	613	(lithium same (battery or batteries)) and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 17:32
S13 1	43	("20030204219" "20050007073" "20050088145" "20050143782" "4460870" "4947124" "5372605" "5411537" "5620474" "5925068" "5998968" "6166524" "6366056" "6377850" "6503646" "6563318" "6584355" "6696842" "6768288" "6885894" "6930468" "6940255").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:16
S13 2	21	S131 and ((charge or rate or current) with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:21
S13 3	24	S131 and (voltage with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:20
S13 4	20	S132 and S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:17
S13 5	4	("5585717"   "6396165"   "6404163").PN. OR ("6696842").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 18:19
S13 6	5	("4678998"   "4888716"   "5193067"   "5341503"   "6313609").PN. OR ("6768288").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 18:20

## EAST Search History

S13 7	6	(S135 or S136) and (voltage with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:20
S13 8	6	(S135 or S136) and ((charge or rate or current) with (reference or threshold or compar\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:21
S13 9	5	S137 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 18:21
S14 0	9	"RRT threshold"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/16 19:25
S14 1	12	("4448197"   "5031616"   "5193538"   "5228439"   "5620474").PN. OR ("5800472").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 19:25